

ABSTRACT OF THE DISCLOSURE

A novel door for an access opening in an electronic component housing includes a bracket pivotally connected to the housing, and a cover elastically mounted to the bracket. In a particular embodiment, the bracket includes a wing spring for biasing the cover to the bracket, and the cover includes a channel for receiving the wing spring. Optionally, the cover and the bracket include an alignment feature and a complementary alignment feature, respectively, that moveably engage one another to facilitate relative movement between the cover and the bracket. The door is pivotally connected to the housing by a pair of L-shaped hinge members to rotate about an axis adjacent the opening in the housing. The bracket and the cover mount together to form the door assembly, and the assembly includes a smooth rear surface for slidably abutting devices (e.g., optical disk trays, etc.) moving through the opening. The door assembly is substantially free of any members projecting rearward of the smooth rear surface, so the opening in the housing is essentially clear of any components (e.g., retracting mechanisms, retaining structures, etc.) that might interfere with the travel of a device through the opening. The cover includes a beveled edge that mates with a beveled seat in the housing surrounding the opening in the housing. The alignment feature and the complementary alignment feature of the cover and the bracket loosely engage one another to allow the beveled edge of the cover to self-align within the beveled seat of the opening in the housing.